

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY005003.D
 Acq On : 07 Jun 2021 19:15
 Operator : SY/MD
 Sample : M2612-20
 Misc : 8.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:10:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

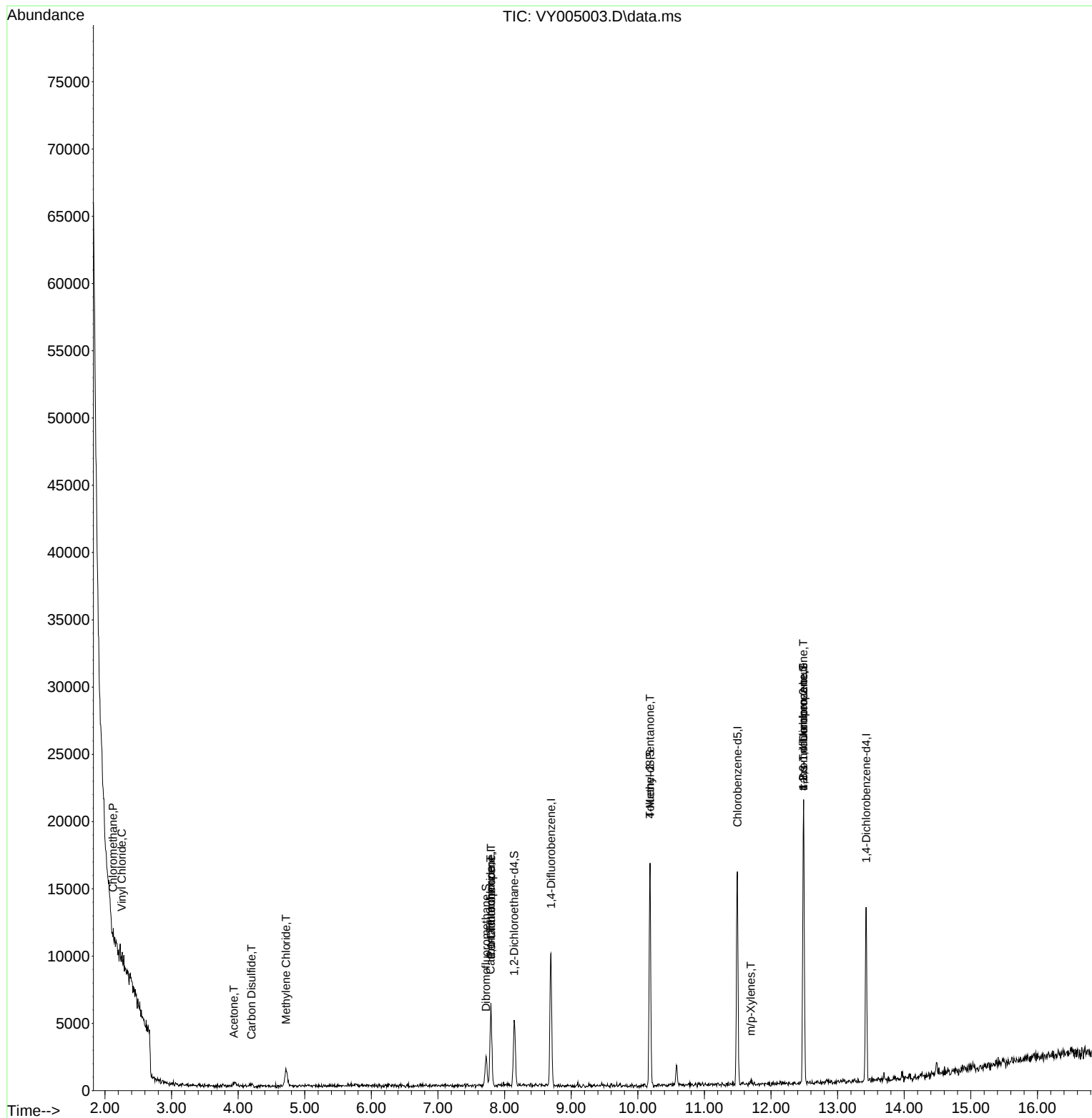
Internal Standards						
1) Pentafluorobenzene	7.795	168	4523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	8848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3705	77.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.960%
35) Dibromofluoromethane	7.722	113	1520	32.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.640%
50) Toluene-d8	10.185	98	10644	55.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.660%
62) 4-Bromofluorobenzene	12.483	95	3278	49.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.100%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	170	3.031	ug/l #	83
4) Vinyl Chloride	2.253	62	315	5.838	ug/l #	43
16) Acetone	3.936	43	618	53.690	ug/l #	43
17) Carbon Disulfide	4.198	76	371	2.595	ug/l #	74
20) Methylene Chloride	4.716	84	978	13.303	ug/l #	74
36) 1,1-Dichloropropene	7.795	75	314	3.727	ug/l #	41
38) Carbon Tetrachloride	7.789	117	497	6.778	ug/l #	32
51) 4-Methyl-2-Pentanone	10.185	43	53	1.016	ug/l #	1
68) m/p-Xylenes	11.697	106	173	1.425	ug/l #	70
76) 1,2,3-Trichloropropane	12.483	75	1904	50.128	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1904	92.123	ug/l #	15

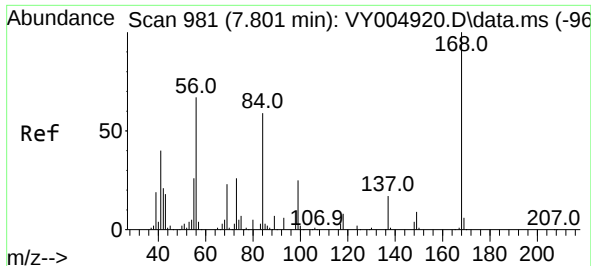
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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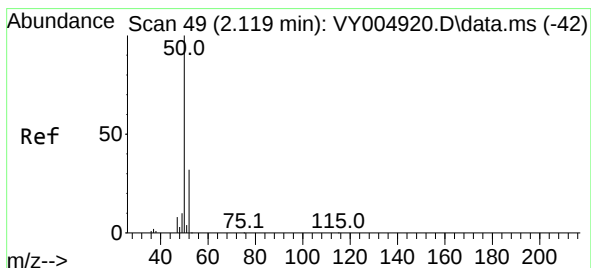
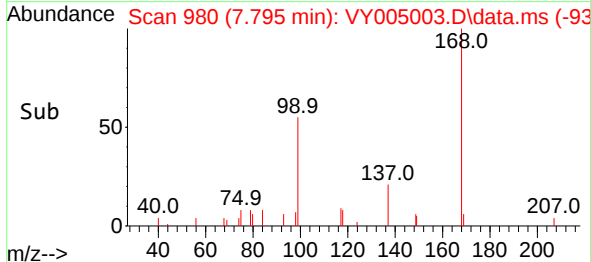
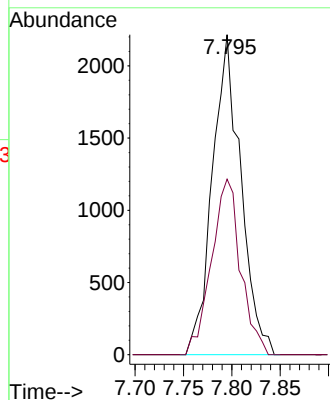
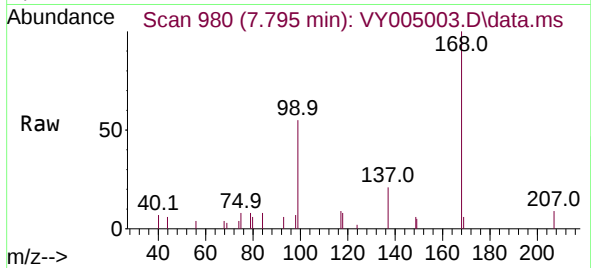




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

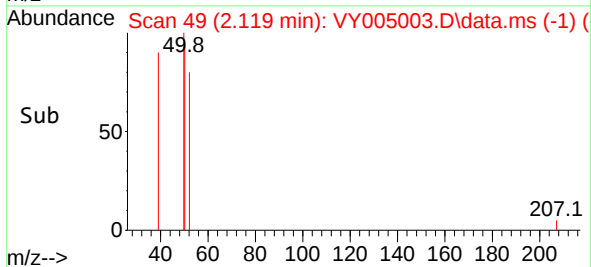
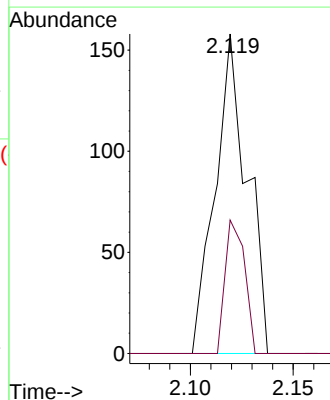
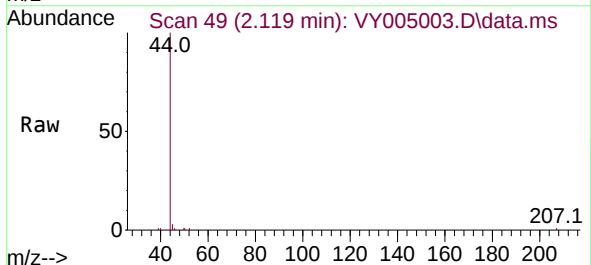
Instrument :
MSVOA_Y
ClientSampled :

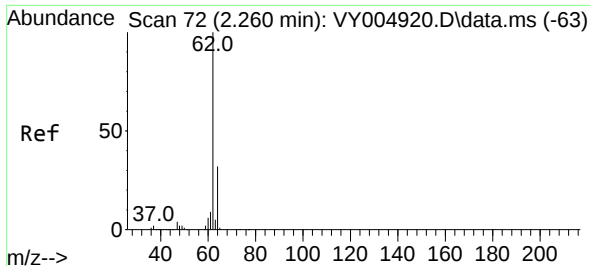
Tgt Ion:168 Resp: 4523
Ion Ratio Lower Upper
168 100
99 54.9 43.9 65.9



#3
Chloromethane
Concen: 3.031 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 41.8 25.9 38.9#

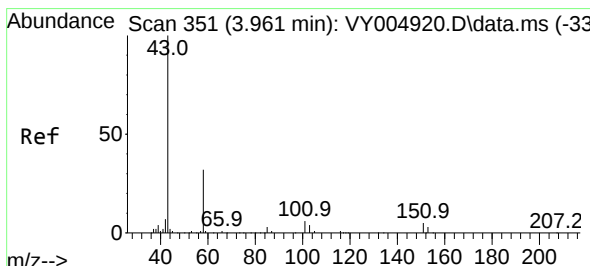
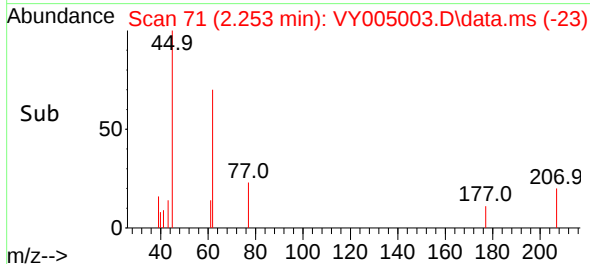
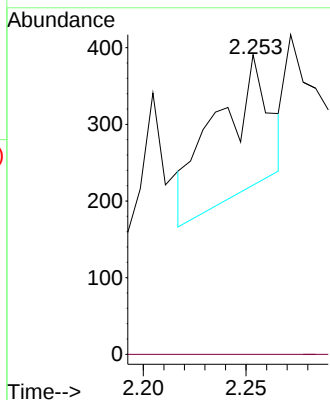
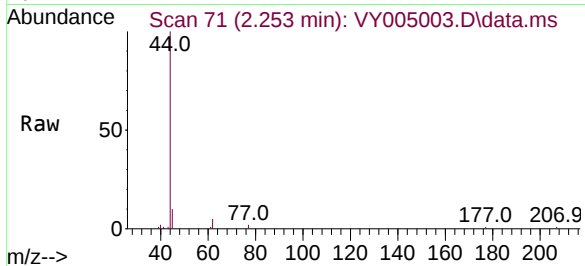




#4
 Vinyl Chloride
 Concen: 5.838 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY005003.D
 Acq: 07 Jun 2021 19:15

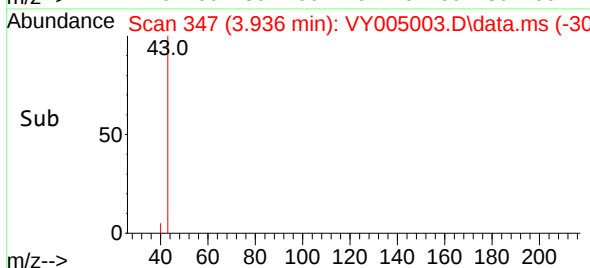
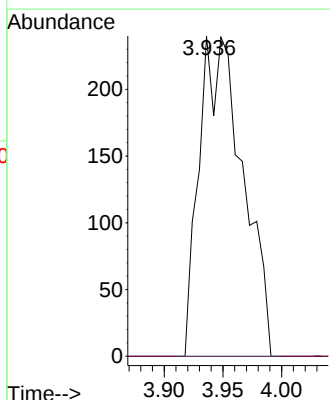
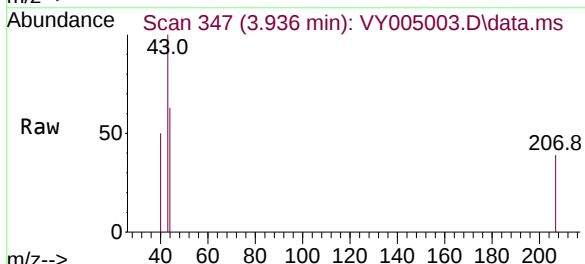
Instrument :
 MSVOA_Y
 ClientSampled :

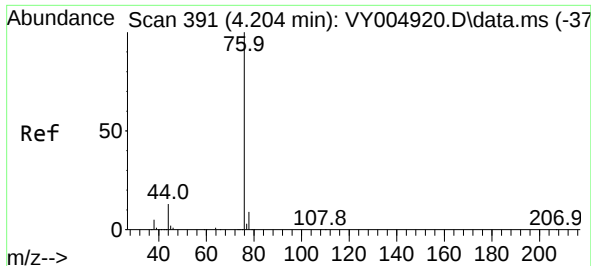
Tgt Ion: 62 Resp: 315
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#16
 Acetone
 Concen: 53.690 ug/l
 RT: 3.936 min Scan# 347
 Delta R.T. -0.024 min
 Lab File: VY005003.D
 Acq: 07 Jun 2021 19:15

Tgt Ion: 43 Resp: 618
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.3 37.9#

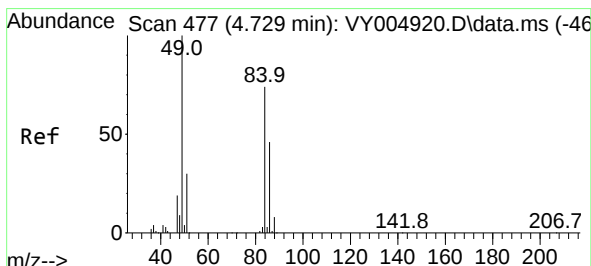
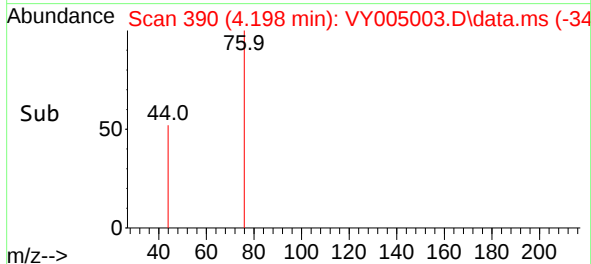
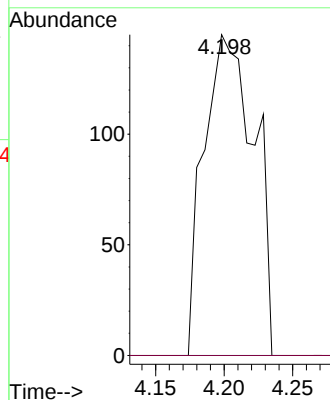
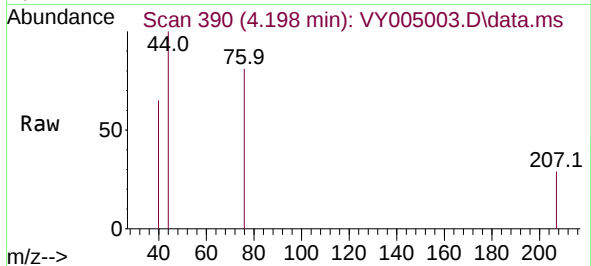




#17
Carbon Disulfide
Concen: 2.595 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

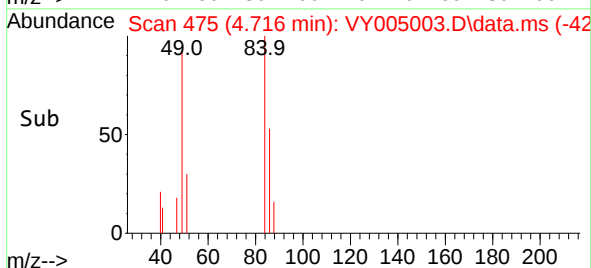
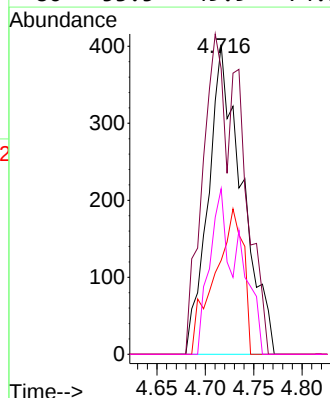
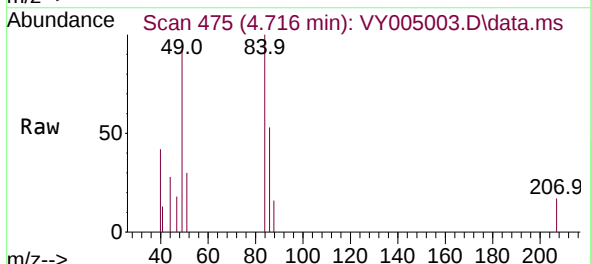
Instrument :
MSVOA_Y
ClientSampled :

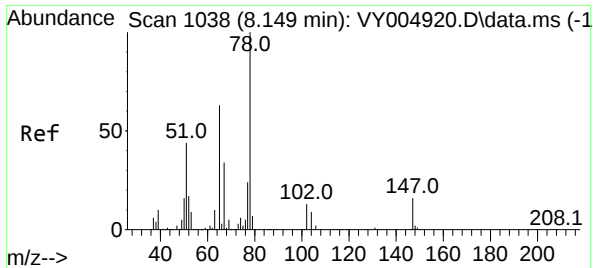
Tgt Ion: 76 Resp: 371
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#20
Methylene Chloride
Concen: 13.303 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

Tgt Ion: 84 Resp: 978
Ion Ratio Lower Upper
84 100
49 92.3 108.0 162.0#
51 30.3 32.6 48.8#
86 53.5 49.9 74.9

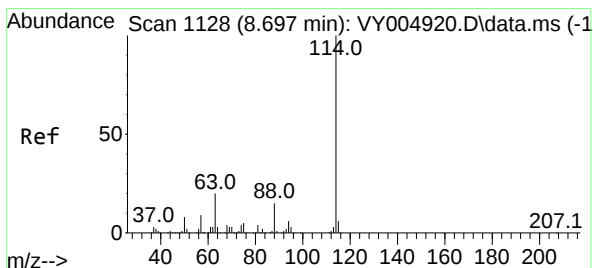
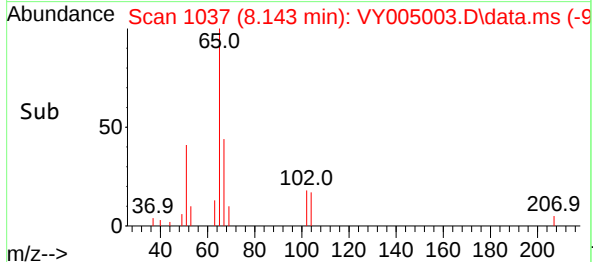
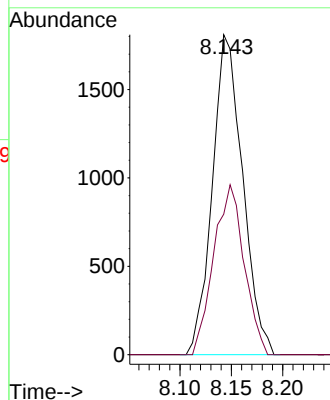
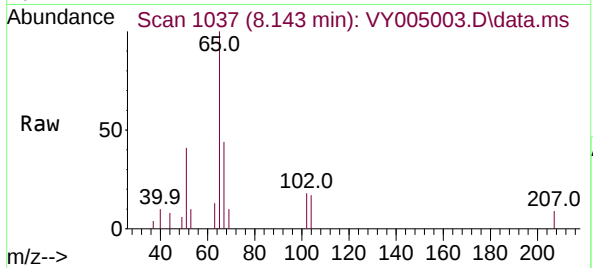




#33
 1,2-Dichloroethane-d4
 Concen: 77.484 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005003.D
 Acq: 07 Jun 2021 19:15

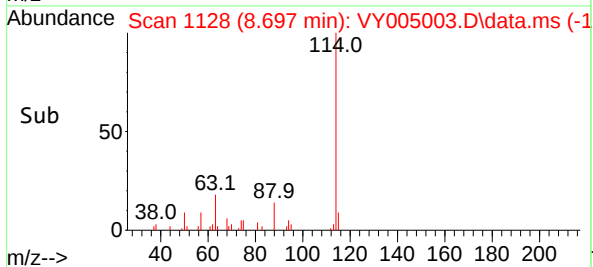
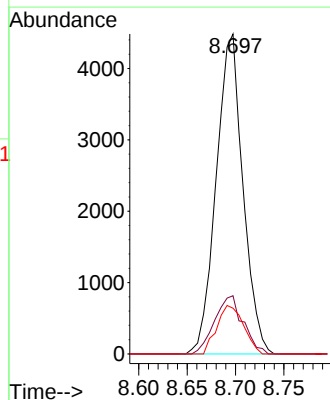
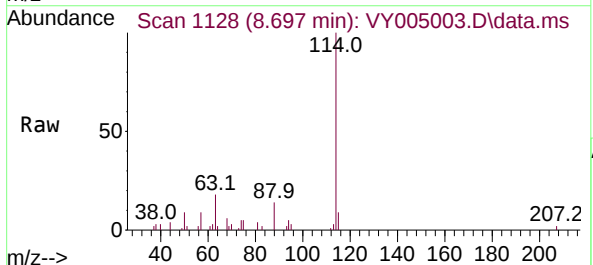
Instrument :
 MSVOA_Y
 ClientSampled :

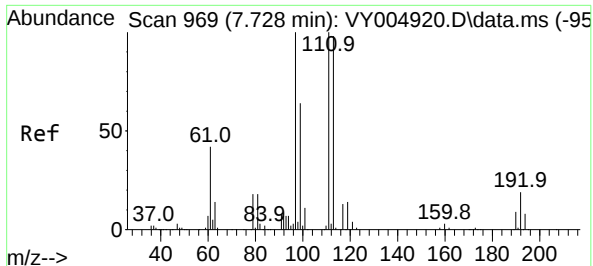
Tgt Ion: 65 Resp: 3705
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005003.D
 Acq: 07 Jun 2021 19:15

Tgt Ion: 114 Resp: 8609
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.0
 88 14.3 0.0 30.6

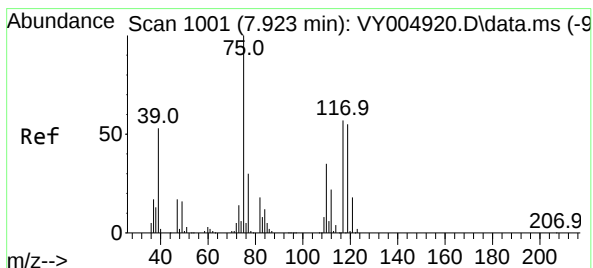
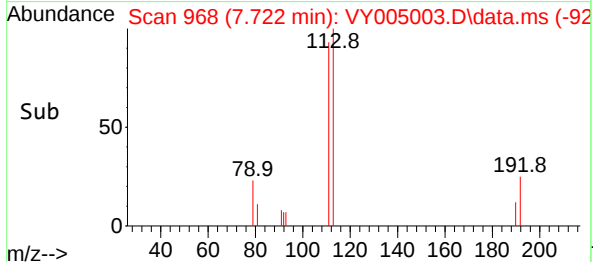
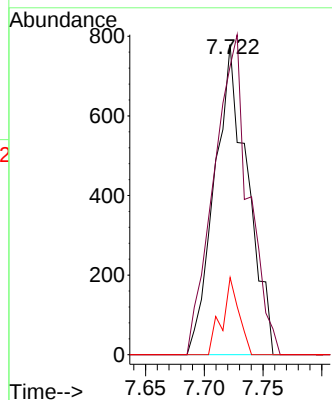
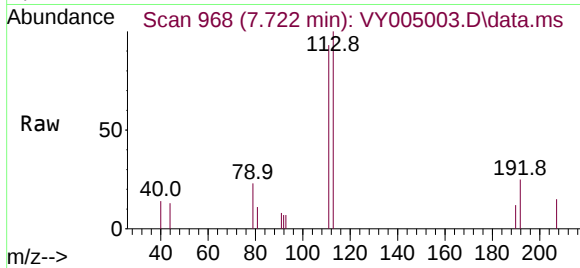




#35
Dibromofluoromethane
Concen: 32.817 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

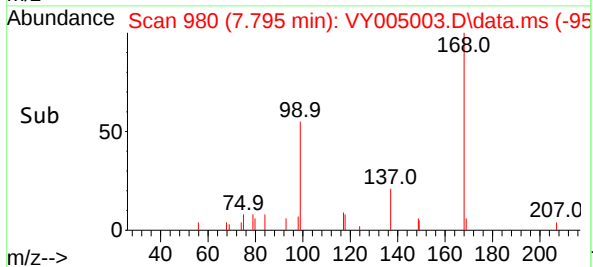
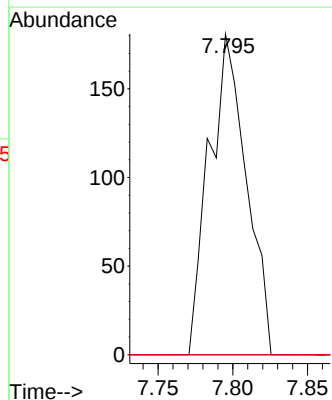
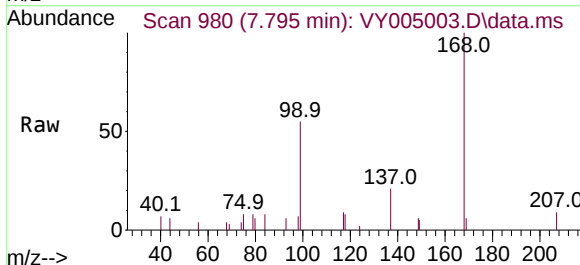
Instrument :
MSVOA_Y
ClientSampleId :

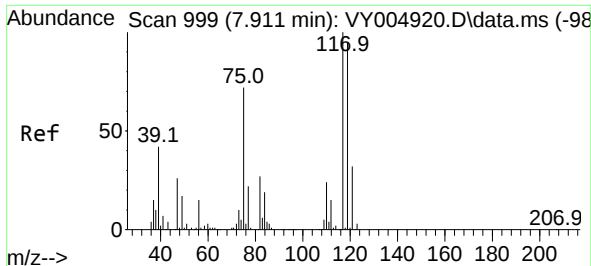
Tgt Ion:	113	Resp:	1520
Ion	Ratio	Lower	Upper
113	100		
111	109.1	81.8	122.8
192	12.8	15.3	22.9#



#36
1,1-Dichloropropene
Concen: 3.727 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

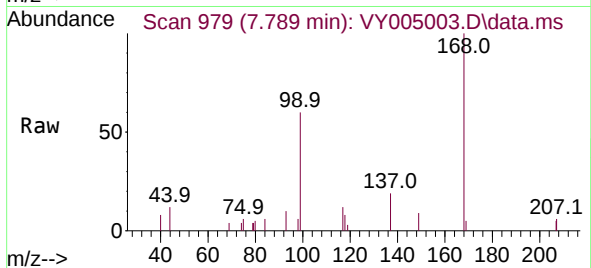
Tgt Ion:	75	Resp:	314
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.5	52.5#
77	0.0	25.1	37.7#



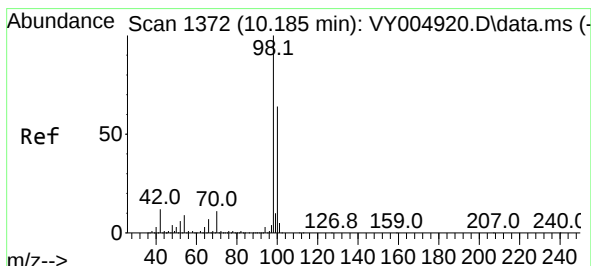
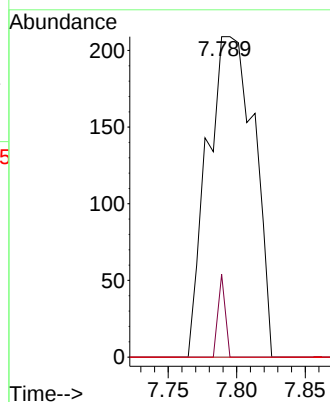
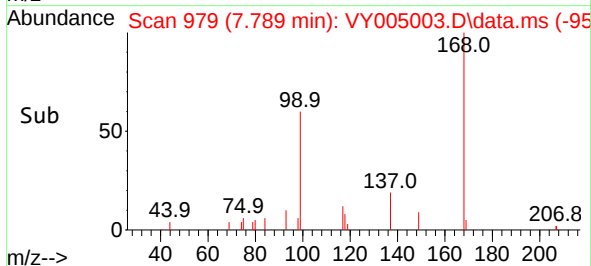


#38
Carbon Tetrachloride
Concen: 6.778 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

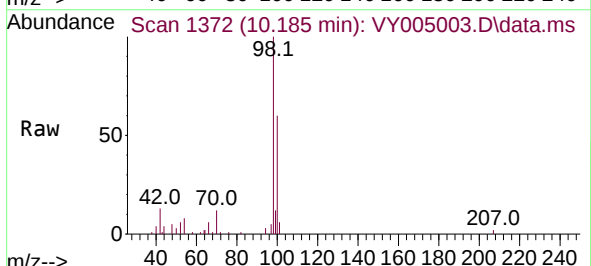
Instrument :
MSVOA_Y
ClientSampleId :



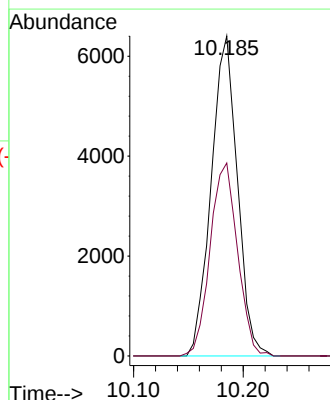
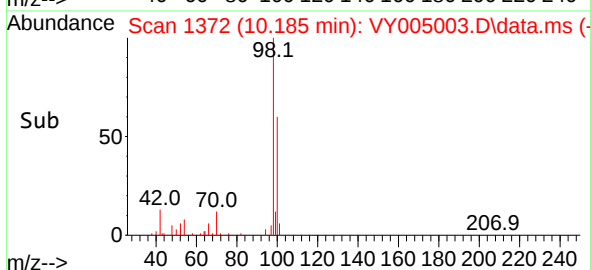
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
119 25.8 76.1 114.1#
121 0.0 25.5 38.3#

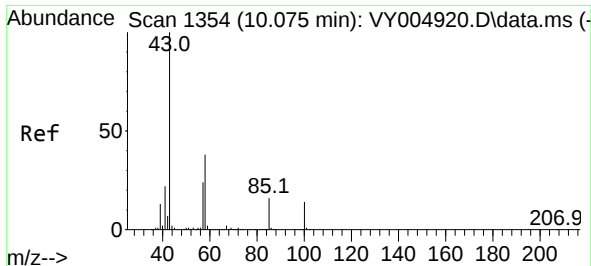


#50
Toluene-d8
Concen: 55.333 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15



Tgt Ion: 98 Resp: 10644
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.6

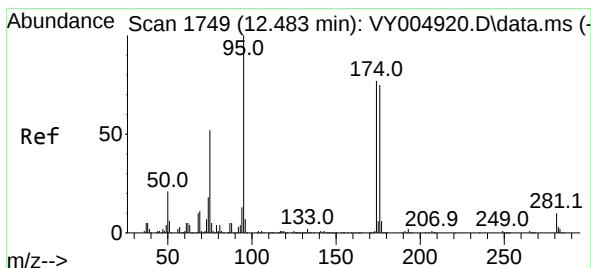
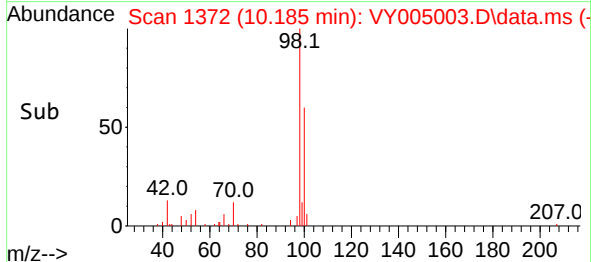
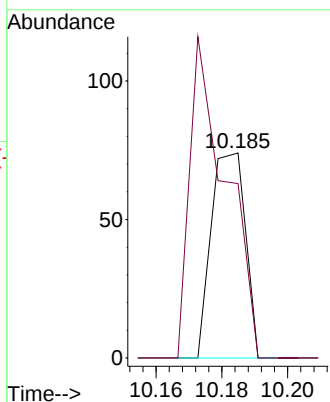
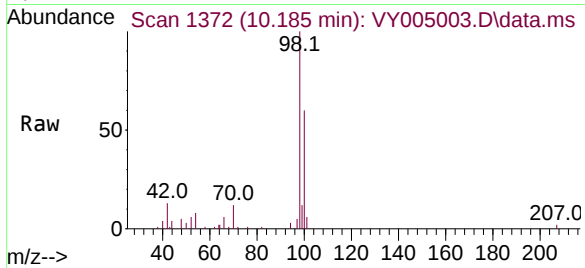




#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

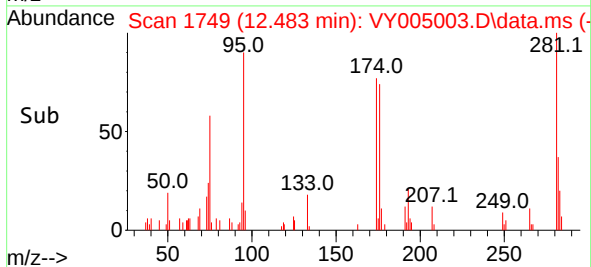
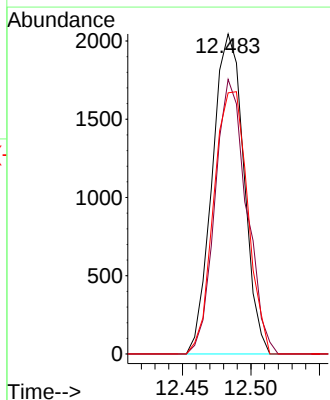
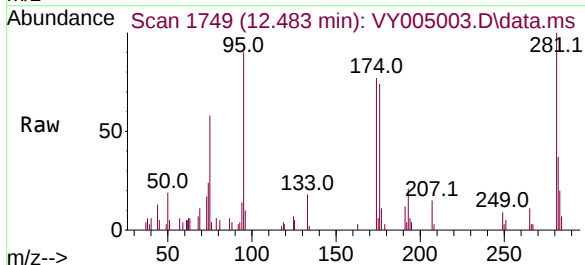
Instrument :
MSVOA_Y
ClientSampled :

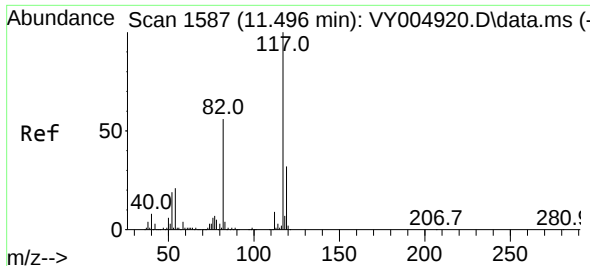
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 167.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

Tgt Ion: 95 Resp: 3278
Ion Ratio Lower Upper
95 100
174 86.0 0.0 160.8
176 87.7 0.0 155.6

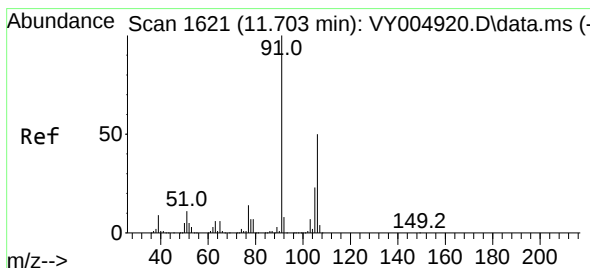
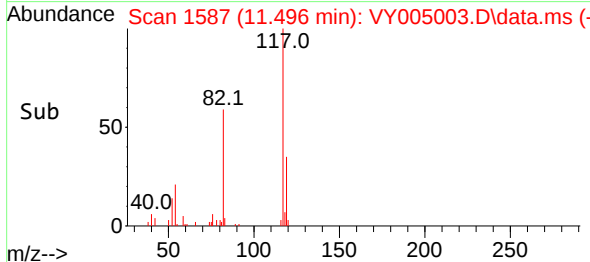
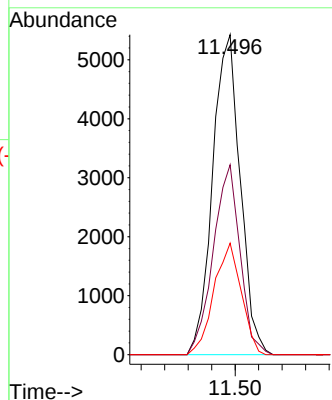
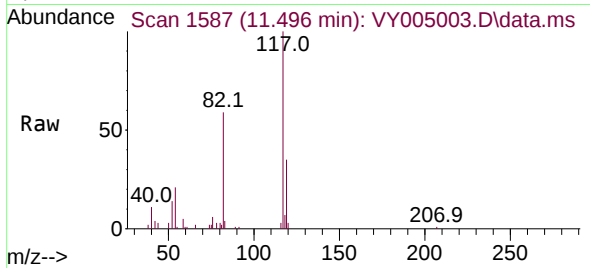




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

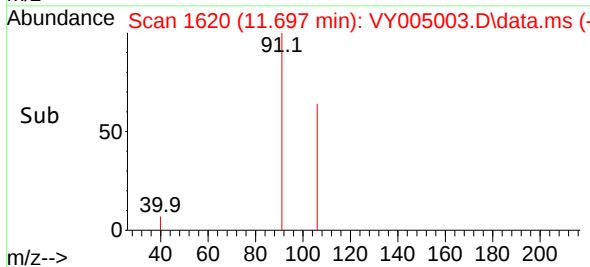
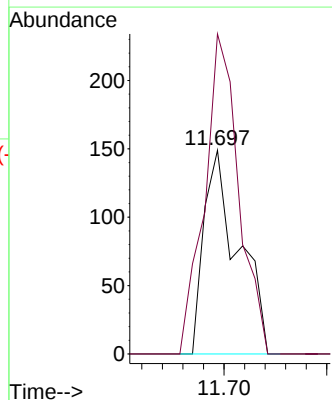
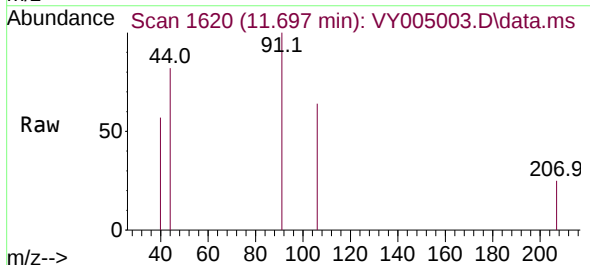
Instrument :
MSVOA_Y
ClientSampleId :

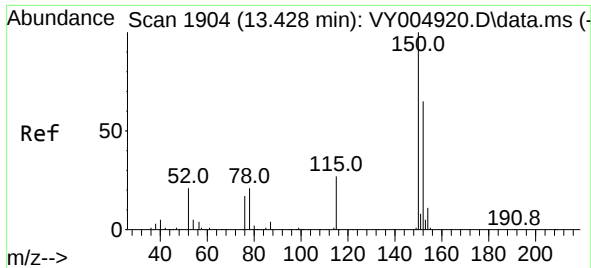
Tgt Ion:	117	Resp:	8848
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.8	67.2
119	34.9	25.2	37.8



#68
m/p-Xylenes
Concen: 1.425 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

Tgt Ion:	106	Resp:	173
Ion	Ratio	Lower	Upper
106	100		
91	156.1	161.9	242.9#

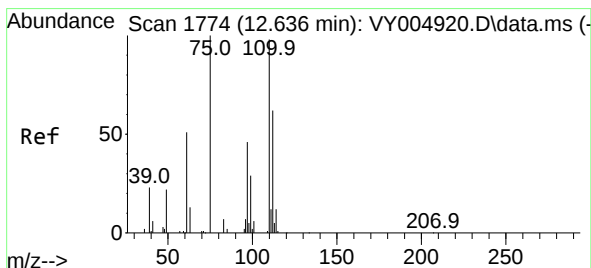
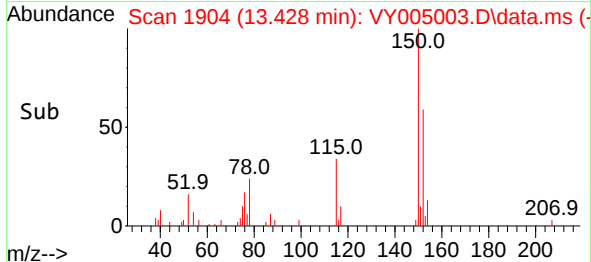
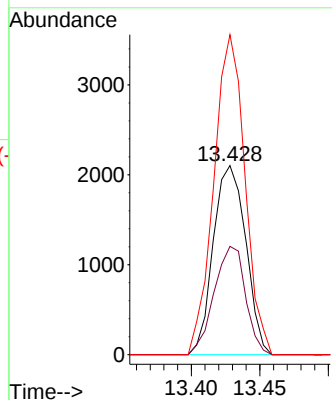
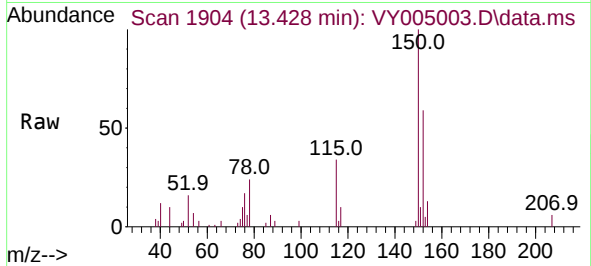




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

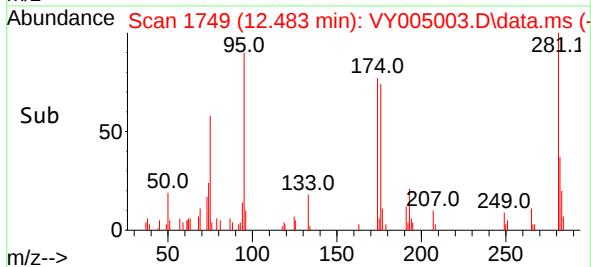
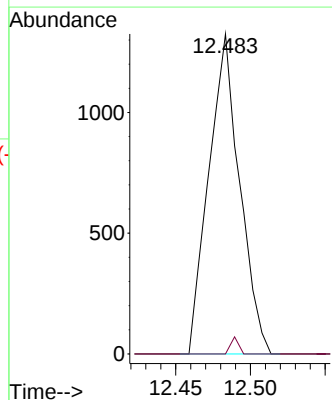
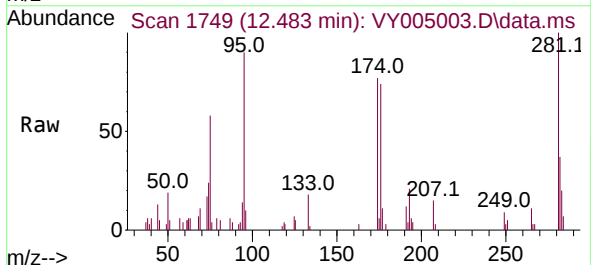
Instrument :
MSVOA_Y
ClientSampleId :

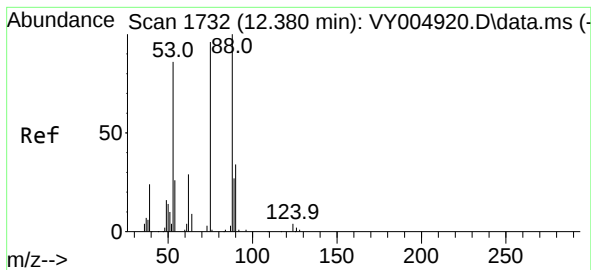
Tgt Ion:152 Resp: 3465
Ion Ratio Lower Upper
152 100
115 55.3 29.9 89.7
150 161.9 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 50.128 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005003.D
Acq: 07 Jun 2021 19:15

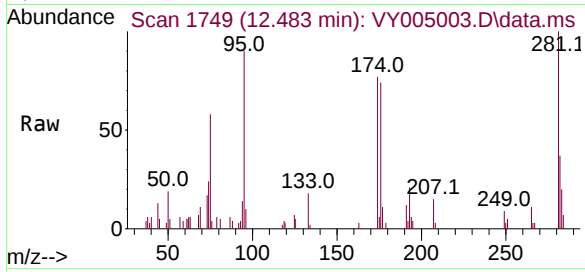
Tgt Ion: 75 Resp: 1904
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.123 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005003.D
 Acq: 07 Jun 2021 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1904
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 0.0 35.0 52.6#

